

500-

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/53,547
Source: PCR
Date Processed by STIC: 1/26/06

ENTERED



P

RAW SEQUENCE LISTING DATE: 01/26/2006
 PATENT APPLICATION: **US/10/531,547** TIME: 09:37:17

Input Set : **F:\seqlist.txt**
 Output Set: **N:\CRF4\01262006\J531547.raw**

```

4 <110> APPLICANT: KHOSLA, CHAITAN
5     SHAN, LU
7 <120> TITLE OF INVENTION: DIAGNOSTIC METHOD FOR CELIAC SPRUE
10 <130> FILE REFERENCE: STAN-258US5
-> 13 <140> CURRENT APPLICATION NUMBER: US/10/531,547
-> 13 <141> CURRENT FILING DATE: 2005-04-15
13 <150> PRIOR APPLICATION NUMBER: US03/37434
14 <151> PRIOR FILING DATE: 2003-11-20
16 <150> PRIOR APPLICATION NUMBER: 60/428,033
17 <151> PRIOR FILING DATE: 2002-11-20
19 <160> NUMBER OF SEQ ID NOS: 26
21 <170> SOFTWARE: FastSEQ for Windows Version 4.0
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 12
25 <212> TYPE: PRT
26 <213> ORGANISM: Triticum aestivum
28 <400> SEQUENCE: 1
29 Gln Leu Gln Pro Phe Pro Gln Pro Gln Leu Pro Tyr
30 1           5           10
33 <210> SEQ ID NO: 2
34 <211> LENGTH: 12
35 <212> TYPE: PRT
36 <213> ORGANISM: Triticum aestivum
38 <220> FEATURE:
39 <221> NAME/KEY: PYRROLIDONE CARBOXYLIC ACID
40 <222> LOCATION: (1)...(1)
41 <223> OTHER INFORMATION: N terminal pyroglutamate
43 <400> SEQUENCE: 2
44 Gln Leu Gln Pro Phe Pro Gln Pro Gln Leu Pro Tyr
45 1           5           10
48 <210> SEQ ID NO: 3
49 <211> LENGTH: 14
50 <212> TYPE: PRT
51 <213> ORGANISM: Triticum aestivum
53 <400> SEQUENCE: 3
54 Pro Gln Pro Gln Leu Pro Tyr Pro Gln Pro Gln Leu Pro Tyr
55 1           5           10
58 <210> SEQ ID NO: 4
59 <211> LENGTH: 13
60 <212> TYPE: PRT
61 <213> ORGANISM: Triticum aestivum
63 <400> SEQUENCE: 4
64 Pro Gln Pro Gln Leu Pro Tyr Pro Gln Pro Gln Leu Pro

```

RAW SEQUENCE LISTING

DATE: 01/26/2006

PATENT APPLICATION: US/10/531,547

TIME: 09:37:17

Input Set : F:\seqlist.txt

Output Set: N:\CRF4\01262006\J531547.raw

```

65 1 5 10
68 <210> SEQ ID NO: 5
69 <211> LENGTH: 11
70 <212> TYPE: PRT
71 <213> ORGANISM: Triticum aestivum
73 <400> SEQUENCE: 5
74 Gln Leu Gln Pro Phe Pro Gln Pro Gln Leu Pro
75 1 5 10
78 <210> SEQ ID NO: 6
79 <211> LENGTH: 11
80 <212> TYPE: PRT
81 <213> ORGANISM: Triticum aestivum
83 <400> SEQUENCE: 6
84 Gln Pro Gln Phe Pro Gln Pro Gln Leu Pro Tyr
85 1 5 10
88 <210> SEQ ID NO: 7
89 <211> LENGTH: 9
90 <212> TYPE: PRT
91 <213> ORGANISM: Triticum aestivum
93 <400> SEQUENCE: 7
94 Gln Pro Phe Pro Gln Pro Gln Leu Pro
95 1 5
98 <210> SEQ ID NO: 8
99 <211> LENGTH: 6
100 <212> TYPE: PRT
101 <213> ORGANISM: Triticum aestivum
103 <400> SEQUENCE: 8
104 Pro Gln Pro Gln Leu Pro
105 1 5
108 <210> SEQ ID NO: 9
109 <211> LENGTH: 13
110 <212> TYPE: PRT
111 <213> ORGANISM: Triticum aestivum
113 <400> SEQUENCE: 9
114 Arg Arg Leu Ile Glu Asp Asn Glu Tyr Thr Ala Arg Gly
115 1 5 10
118 <210> SEQ ID NO: 10
119 <211> LENGTH: 9
120 <212> TYPE: PRT
121 <213> ORGANISM: Triticum aestivum
123 <400> SEQUENCE: 10
124 Pro Phe Pro Gln Pro Gln Leu Pro Tyr
125 1 5
128 <210> SEQ ID NO: 11
129 <211> LENGTH: 7
130 <212> TYPE: PRT
131 <213> ORGANISM: Triticum aestivum
133 <400> SEQUENCE: 11
134 Phe Pro Gln Pro Gln Leu Pro

```

RAW SEQUENCE LISTING

DATE: 01/26/2006

PATENT APPLICATION: US/10/531,547

TIME: 09:37:17

Input Set : F:\seqlist.txt

Output Set: N:\CRF4\01262006\J531547.raw

```

135 1 5
138 <210> SEQ ID NO: 12
139 <211> LENGTH: 33
140 <212> TYPE: PRT
141 <213> ORGANISM: Triticum aestivum
143 <400> SEQUENCE: 12
144 Leu Gln Leu Gln Pro Phe Pro Gln Pro Gln Leu Pro Tyr Pro Gln Pro
145 1 5 10 15
146 Gln Leu Pro Tyr Pro Gln Pro Gln Leu Pro Tyr Pro Gln Pro Gln Pro
147 20 25 30
148 Phe
152 <210> SEQ ID NO: 13
153 <211> LENGTH: 34
154 <212> TYPE: PRT
155 <213> ORGANISM: Triticum aestivum
157 <400> SEQUENCE: 13
158 Gln Pro Gln Pro Phe Pro Pro Gln Leu Pro Tyr Pro Gln Thr Gln Pro
159 1 5 10 15
160 Phe Pro Pro Gln Gln Pro Tyr Pro Gln Pro Gln Pro Gln Tyr Pro Gln
161 20 25 30
162 Pro Gln
166 <210> SEQ ID NO: 14
167 <211> LENGTH: 35
168 <212> TYPE: PRT
169 <213> ORGANISM: Triticum aestivum
171 <400> SEQUENCE: 14
172 Gln Gln Gln Pro Phe Pro Gln Gln Pro Ile Pro Gln Gln Pro Gln Pro
173 1 5 10 15
174 Tyr Pro Gln Gln Pro Gln Pro Tyr Pro Gln Gln Pro Phe Pro Pro Gln
175 20 25 30
176 Gln Pro Phe
177 35
180 <210> SEQ ID NO: 15
181 <211> LENGTH: 30
182 <212> TYPE: PRT
183 <213> ORGANISM: Triticum aestivum
185 <400> SEQUENCE: 15
186 Gln Pro Phe Pro Gln Pro Gln Gln Thr Phe Pro Gln Gln Pro Gln Leu
187 1 5 10 15
188 Pro Phe Pro Gln Gln Pro Gln Gln Pro Phe Pro Gln Pro Gln
189 20 25 30
192 <210> SEQ ID NO: 16
193 <211> LENGTH: 59
194 <212> TYPE: PRT
195 <213> ORGANISM: Triticum aestivum
197 <400> SEQUENCE: 16
198 Pro Gln Gln Pro Gln Leu Pro Phe Pro Gln Gln Pro Gln Gln Pro Phe
199 1 5 10 15
200 Pro Gln Pro Gln Gln Pro Gln Gln Pro Phe Pro Gln Ser Gln Gln Pro

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/531,547

DATE: 01/26/2006
TIME: 09:37:17Input Set : F:\s qlist.txt
Output Set: N:\CRF4\01262006\J531547.raw

```

201          20          25          30
202 Gln Gln Pro Phe Pro Gln Pro Gln Gln Gln Phe Pro Gln Pro Gln Gln
203          35          40          45
204 Pro Gln Gln Ser Phe Pro Gln Gln Gln Gln Pro
205          50          55
208 <210> SEQ ID NO: 17
209 <211> LENGTH: 30
210 <212> TYPE: PRT
211 <213> ORGANISM: Triticum aestivum
213 <400> SEQUENCE: 17
214 Gln Pro Phe Pro Gln Pro Gln Gln Pro Thr Pro Ile Gln Pro Gln Gln
215 1          5          10          15
216 Pro Phe Pro Gln Arg Pro Gln Gln Pro Phe Pro Gln Pro Gln
217          20          25          30
220 <210> SEQ ID NO: 18
221 <211> LENGTH: 9
222 <212> TYPE: PRT
223 <213> ORGANISM: Triticum aestivum
225 <400> SEQUENCE: 18
226 Pro Gln Pro Gln Leu Pro Tyr Pro Gln
227 1          5
230 <210> SEQ ID NO: 19
231 <211> LENGTH: 9
232 <212> TYPE: PRT
233 <213> ORGANISM: Triticum aestivum
235 <400> SEQUENCE: 19
236 Pro Gln Leu Pro Tyr Pro Gln Pro Gln
237 1          5
240 <210> SEQ ID NO: 20
241 <211> LENGTH: 9
242 <212> TYPE: PRT
243 <213> ORGANISM: Triticum aestivum
245 <400> SEQUENCE: 20
246 Pro Tyr Pro Gln Pro Gln Leu Pro Tyr
247 1          5
250 <210> SEQ ID NO: 21
251 <211> LENGTH: 9
252 <212> TYPE: PRT
253 <213> ORGANISM: Triticum aestivum
255 <400> SEQUENCE: 21
256 Pro Gln Pro Glu Leu Pro Tyr Pro Gln
257 1          5
260 <210> SEQ ID NO: 22
261 <211> LENGTH: 9
262 <212> TYPE: PRT
263 <213> ORGANISM: Triticum aestivum
265 <400> SEQUENCE: 22
266 Pro Phe Pro Gln Pro Glu Leu Pro Tyr
267 1          5

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/531,547

DATE: 01/26/2006

TIME: 09:37:17

Input Set : F:\seqlist.txt

Output Set: N:\CRF4\01262006\J531547.raw

270 <210> SEQ ID NO: 23
271 <211> LENGTH: 9
272 <212> TYPE: PRT
273 <213> ORGANISM: Triticum aestivum
275 <400> SEQUENCE: 23
276 Pro Gln Gln Ser Phe Pro Gln Gln Gln
277 1 5
280 <210> SEQ ID NO: 24
281 <211> LENGTH: 11
282 <212> TYPE: PRT
283 <213> ORGANISM: Triticum aestivum
285 <400> SEQUENCE: 24
286 Pro Phe Pro Gln Gln Pro Gln Gln Pro Phe Pro
287 1 5 10
290 <210> SEQ ID NO: 25
291 <211> LENGTH: 9
292 <212> TYPE: PRT
293 <213> ORGANISM: Triticum aestivum
295 <400> SEQUENCE: 25
296 Pro Tyr Pro Gln Pro Glu Leu Pro Tyr
297 1 5
300 <210> SEQ ID NO: 26
301 <211> LENGTH: 27
302 <212> TYPE: PRT
303 <213> ORGANISM: Triticum aestivum
305 <400> SEQUENCE: 26
306 Pro Phe Pro Gln Pro Gln Leu Pro Tyr Pro Phe Pro Gln Pro Gln Leu
307 1 5 10 15
308 Pro Tyr Pro Phe Pro Gln Pro Gln Leu Pro Tyr
309 20 25

VERIFICATION SUMMARY

DATE: 01/26/2006

PATENT APPLICATION: US/10/531,547

TIME: 09:37:18

Input Set : F:\seqlist.txt

Output Set: N:\CRF4\01262006\J531547.raw

13 M:270 C: Current Application Number differs, Replaced Current Application No

13 M:271 C: Current Filing Date differs, Replaced Current Filing Date